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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 6 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — June, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June 1968, averaged 144,934 barrels daily, an increase of 7,084 barrels from the average May production of 137,850.

The nine refineries in the state processed 101,399 barrels of crude oil daily for the month of June, 1968, a decrease of 13,302 barrels from the 114,701 barrels processed daily during the month of May, 1968.

During June, 51 wells were completed, 18 oil, 1 gas well and 32 dry holes.

During June, the commission issued 82 permits to drill new wells, a decrease of 4 from the 86 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1968

IN STORAGE JUNE 1st	
By Producers	421,950
By Transporters	1,297,874
By Refiners	949,404
TOTAL STORAGE	2,669,228
Produced in Montana During Month	4,348,028
Imported During Month	2,223,062
TOTALS	9,240,318
DISPOSITION:	
Refined in Montana	3,041,984
Exported	3,251,890
Used for Fuel or Lost	3,108
TOTAL	6,296,982
IN STORAGE JUNE 30th	
By Producers	442,059
By Transporters	1,477,769
By Refiners	1,023,508
TOTAL STORAGE	2,943,336

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	47,455
Bowdoin	74,777
Bowes	45,568
Cabin Creek	108,031
Cedar Creek	77,483
Cut Bank (Including Reagan)	626,500
Devon	0
Dry Creek	514
Elk Basin	95,802
Flat Coulee	8,966
Gold Butte	4,743
Golden Dome	0
Grandview	6,878
Hardin	3,322
Keith Block	241,567
Kevin Sunburst	39,182
Lake Basin	100,810
Middle Butte	1,789
Mt. Lilly	40,710
Pine	78,688
Plevna	2,480
Utopia	82,202
Whitlash	100,613
Miscellaneous	171,783
TOTAL	1,959,863

Total withdrawals for June, 1967 were 2,060,701

PRODUCERS REPORT—MONTH OF JUNE, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	354	3,600	----	3,600	----	354
...	Bannatyne	...	467	...	...	...	...	467
1	Bascom	1	184	250	250	...	...	184
5	Bear's Den	6	2,047	1,471	...	1,780	...	1,738
64	Bell Creek	290	88,883	1,707,463	1,705,440	...	1,945	88,961
1	Benrud	1	433	1,062	1,010	...	...	485
1	Benrud East	1	480	8,432	8,477	...	...	435
1	Benrud Northeast	1	733	7,529	7,581	...	...	681
1	Berthelote	1	715	75	544	...	...	246
5	Big Wall	22	1,800	17,368	16,937	...	...	2,231
4	Blackfoot	6	1,451	2,856	794	1,990	...	1,523
3	Border	4	...	806	...	806	...	...
1	Bowes	62	5,052	15,000	16,988	...	...	3,064
2	Bradley	2	882	817	829	...	...	870
3	Brady	3	617	209	281	...	...	545
1	Brush Mountain	1	...	6,299	5,331	...	...	968
2	Cabin Creek	105	6,908	278,331	278,489	...	...	6,750
11	Cat Creek	63	2,386	15,769	15,429	...	...	2,726
1	Clark's Fork	1	167	154	...	212	...	109
2	Conrad South	2	662	1,087	1,087	...	...	662
2	Coral Creek	38	1,720	79,519	76,036	...	...	5,203
1	Cupton	1	973	853	...	...	...	1,826
102	Cut Bank	895	78,828	307,779	309,019	743	228	76,617
2	Deer Creek	4	841	2,604	2,265	...	...	1,180
1	Delphia	1	322	318	...	390	...	250
1	Devil's Basin	1	661	234	...	224	...	671
12	Dwyer	13	4,737	19,007	18,146	...	...	5,598
4	Elk Basin	61	2,610	219,393	219,728	...	...	2,275
5	Elk Basin Northwest	14	2,553	7,485	7,977	...	...	2,061
8	Fairview	9	10,324	91,249	...	87,014	...	14,559
2	Fertile Prairie	2	1,129	1,499	1,541	...	...	1,087
23	Flat Coulee	31	6,876	15,629	4,884	10,500	...	7,121
38	Flat Lake	56	5,839	69,788	69,568	...	...	6,059
1	Flat Lake South	1	687	1,325	1,302	...	...	710
2	Frannie	2	...	911	911	...	...	...
17	Fred & George Creek	40	4,672	76,627	76,013	...	...	5,286
2	Gage	2	812	1,341	...	1,706	29	418
4	Gas City	23	8,496	32,086	33,595	...	...	6,987
11	Glendive	15	2,403	33,454	26,826	5,864	...	3,167
24	Goose Lake	32	2,659	56,220	53,380	...	...	5,499
9	Graben Coulee	27	4,149	8,979	7,532	822	...	4,774
...	Grandview	...	528	...	...	...	...	528
4	Gypsy Basin	5	812	1,468	...	950	...	1,330
8	Hiawatha	8	4,433	30,394	30,041	...	...	4,786
1	Hibbard	1	766	199	...	389	...	576
6	Ivanhoe	11	2,277	9,700	10,043	...	...	1,934
10	Keg Coulee	28	5,818	22,622	21,821	...	...	6,619
3	Keg Coulee North	3	1,085	1,002	1,316	...	...	771
1	Kelley	3	1,501	11,258	11,659	...	...	1,100
109	Kevin Sunburst	543	16,619	35,785	31,667	4,275	100	16,362
5	Laird Creek	7	216	12,310	12,024	...	...	502
1	Little Beaver	29	...	33,274	33,274	...	...	...
2	Little Beaver East*	14	2,114	18,423	18,494	...	...	2,043
3	Lodge Grass	3	1,829	1,620	...	1,572	17	1,860
21	Lookout Butte	36	2,301	56,458	53,804	1,714	...	3,241
...	Mackay Dome	...	810	...	...	...	...	810
2	Mason Lake	2	250	1,258	1,205	...	...	303
2	Melstone	4	1,271	2,422	2,670	...	...	1,023
1	Mineral Bench	1	566	1,154	839	...	...	881
4	Miner's Coulee	5	524	757	...	969	...	312
12	Monarch	14	4,851	19,315	19,119	...	...	5,047
4	Mosser	4	...	627	...	627	...	...
6	Outlook	11	7,495	25,438	...	26,340	...	6,593
2	Outlook South	2	974	1,329	...	1,113	...	1,190
2	Outlook West	2	2,015	8,573	...	9,108	...	1,480
69	Pennel	118	5,524	138,246	138,055	...	...	5,715
4	Pine	121	18,669	307,973	307,644	...	...	18,998
1	Pole Creek	1	314	2,511	...	2,560	...	265
66	Pondera	247	6,780	25,844	24,808	...	...	7,816
4	Poplar	68	9,517	55,042	53,762	...	29	10,768
4	Poplar Northwest	4	868	1,376	458	...	...	1,786
1	Prairie Elk	1	898	457	...	...	...	1,355
4	Ragged Point	12	2,390	9,122	8,187	...	...	3,325
1	Rattlesnake Coulee	1	701	636	733	...	...	604
3	Reagan	47	1,136	21,653	21,658	...	...	1,131
1	Red Creek	26	...	25,449	25,449	...	...	...
1	Red Fox	1	420	9,035	9,079	...	...	376
1	Redstone	1	619	5,566	5,498	...	...	687
1	Repeat	1	148	1,302	...	740	...	710
3	Reserve	3	...	14,493	...	14,493	...	...
1	Richey	1	567	503	624	...	...	446
6	Richey Southwest	6	596	6,489	6,545	...	...	540
6	Sand Creek	8	2,201	9,671	9,008	...	...	2,864
1	Shotgun Creek	1	101	155	...	...	...	256
5	Sidney-Brorson	5	2,685	31,795	...	30,293	...	4,187
4	Smoke Creek	5	1,705	1,334	...	1,774	...	1,265
1	Snyder	3	413	1,020	...	1,013	...	420
6	Soap Creek	117	2,716	2,835	...	921	...	4,630
1	Spring Lake	2	1,887	2,434	...	3,363	...	958
2	Stensvad	21	4,361	20,251	19,482	...	...	5,130
26	Sumatra	114	11,190	62,464	62,753	...	...	10,901
6	Tule Creek	7	2,470	40,636	...	39,472	...	3,634
2	Tule Creek East	2	1,063	18,554	...	18,706	...	911
2	Tule Creek South	3	1,217	4,887	...	4,612	24	1,468
2	Vida	2	537	1,837	1,848	...	...	526
4	Volt	6	1,820	18,040	17,467	...	...	2,393
2	Weed Creek	3	777	11,645	11,761	...	60	601
5	Weldon	13	1,621	67,661	67,933	...	...	1,349
17	Whitlash	34	10,039	15,674	15,921	...	...	9,792
2	Whitlash West	2	742	505	619	...	...	628
3	Wills Creek South	3	875	4,609	4,040	...	...	1,444
6	Wolf Springs	9	4,148	7,319	6,662	...	...	4,805
3	Woodrow	3	404	2,664	2,648	...	...	420
1	Wildcat, Carbon Cty	1	916	28	...	...	...	944
1	Wildcat, Daniels Cty	1	414	184	...	306	...	292
5	Wildcat, Glacier Cty	5	389	1,513	1,037	...	27	838
1	Wildcat, Richland Cty	1	1,693	2,824	...	2,967	...	1,550
1	Wildcat, Sheridan Cty	1	1,161	717	...	865	...	1,013
1	Wildcat, Stillwater Cty	1	691	811	822	...	...	680
878	Total	3,511	421,950	4,348,028	4,040,667	284,793	2,459	442,059

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
First Quarter	10,606,010	116,549	10,556,409	116,004
April, 1968	3,896,547	129,885	3,884,235	129,474
May, 1968	4,273,351	137,850	4,310,644	139,053
June, 1968	4,348,028	144,934	4,325,460	144,182

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total Oil In Storage‡
December, 1967	423,176	1,063,477	632,990	2,119,643
March, 1968	457,799	1,206,686	841,174	2,505,659
April, 1968	465,174	1,380,776	1,137,796	2,983,746
May, 1968	421,950	1,297,874	949,404	2,669,228
June, 1968	442,059	1,477,769	1,023,508	2,943,336

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JUNE, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,600				3,600		
BEAR'S DEN—Truck			1,780					1,780	
BELL CREEK—Pipelines		1,705,440					1,174,750	530,690	
BIG WALL—									
Continental Pipeline Co.		16,937				16,937			
BLACKFOOT—									
Camerland Cardinal Corp.			1,990					1,990	
Union Oil Co.		794				794			
		794	1,990			794		1,990	
BORDER—Truck			806				806		
BOWES—Texaco		16,988				16,988			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	342,055	724,946	8,318	1,251,632			1,983,399		343,552
Shell Pipeline Co.	6,505	299,295			(2,991)			304,282	4,509
	348,560	1,024,241	8,318	1,251,632	(2,991)		1,983,399	304,282	348,061
CAT CREEK—									
Continental Pipeline Co.		15,349				15,349			
CLARK'S FORK—Truck			212				212		
CUT BANK—									
Continental Pipeline Co.			7,759	486,262				494,021	
Phillips Petroleum Co.	90,543	40,773		70,853	(2,186)	121,134			83,221
Texas Pipeline Co.	35,507	122,964		26,446	224			144,191	40,502
Union Oil Co.	107,729	63,053		40,872	(3,212)	104,978			109,388
Western Oil Trans. Co.		43,205						43,205	
Western Oil Trans. (Moulton)		38,735						38,735	
	233,779	308,730	7,759	624,433	(5,174)	226,112		720,152	233,611
DELPHIA—Truck			390			390			
DEVIL'S BASIN—Truck			224				224		
DWYER—Portal Pipeline Co.		18,079					18,079		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		226,794				226,794			
FAIRVIEW—Truck			87,014				53,346	33,668	
FLAT COULEE—									
Camerland Cardinal Corp.		16,551	10,500			10,500		16,551	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		65,022					65,022		
FRANNIE—Interstate Pipeline Co.		911					911		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	16,240	82,317				20,754		50,287	27,516
GAGE & GAGE S.W.—Truck			1,706				1,706		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	10,313	32,963			516			37,255	5,505
GOOSE LAKE—									
Portal Pipeline Co.		52,300					52,300		
HIAWATHA—									
Continental Pipeline Co.		28,332					28,332		
HIBBARD—Truck			389			389			
IVANHOE—									
Continental Pipeline Co.		10,568				10,568			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		23,577				17,230	6,347		
KELLEY—									
Continental Pipeline Co.		11,659				11,659			
KEVIN SUNBURST—									
Big West Oil Co.	5,794	21,991				21,554			6,231
Homestake Oil & Gas Co.	1,765	2,425							4,190
Texas Pipeline Co.	9,649	13,654			104			14,778	8,421
	17,208	38,070			104	21,554		14,778	18,842
LODGE GRASS—Truck			1,572			1,572			
MASON LAKE—									
Continental Pipeline Co.		1,416				1,416			
MELSTONE—									
Continental Pipeline Co.		2,671				2,671			
MOSSER—Truck			627				627		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			36,561				36,561		
POLE CREEK—Truck			2,560				2,560		
PONDERA—Phillips Petr. Co.	43,520	27,063		121,134	1,017	139,582			51,118
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	23,627	134,064			81			143,308	14,302
RAGGED POINT—									
Continental Pipeline Co.		10,331				8,577	1,754		
RED CREEK—									
Western Oil Transportation Co.		30,046						30,046	
RESERVE—Truck			14,493				14,493		
SIDNEY-BRORSON—Truck			30,293					30,293	
SMOKE CREEK—Truck			1,774				1,774		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			3,363				3,363		
SNYDER—Truck			1,013			1,013			
SOAP CREEK—Truck			921				921		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	596,805	76,431		464,989	1,831	56,379		304,449‡	775,566
TULE CREEK—									
Tesero Petr. Corp.	7,822		62,790			67,364			3,248
WEED CREEK—									
Continental Pipeline Co.		11,761				11,761			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		18,666				14,993		3,673	
WOLF SPRINGS—									
Continental Pipeline Co.		6,662				6,662			
WILDCAT WELLS—Truck			4,138				4,138		
TOTALS	1,297,874	4,014,733	284,793	2,462,188	(4,616)	908,008	3,455,225	2,223,202	1,477,769

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		16,937								16,937
Bowes			26,823							26,823
Cat Creek		7,595		6,351		5,375				19,321
Cut Bank	11,094						101,220		97,884	210,198
Delphia						1,656				1,656
Dry Creek						3				3
Elk Basin		90,688		60,556	75,550					226,794
Flat Coulee									10,500	10,500
Fred & George Creek	45,934									45,934
Gage & Gage S.W.						493				493
Hibbard						843				843
Ivanhoe		10,568								10,568
Keg Coulee		750		16,480						17,230
Kelley					11,659					11,659
Kevin Sunburst	21,554									21,554
Lodge Grass		1,572								1,572
Mason Lake		1,416								1,416
Melstone				2,671						2,671
Pondera							22,865			22,865
Ragged Point				8,577						8,577
Sand Creek						381				381
Snyder		1,013								1,013
Sumatra & Stensvad		2,674		40,138	13,567					56,379
Tule Creek								70,120		70,120
Weed Creek					11,761					11,761
Whitlash							14,993			14,993
Wolf Springs					6,661					6,661
Total Montana Oil	78,582	133,213	26,823	134,773	119,198	8,751	139,078	70,120	108,384	818,922
Canadian Oil Imported		486,262								486,262
Wyoming Oil Imported		226,922		493,831	1,016,047					1,736,800
Total Montana, Canadian, and Wyoming Oil	78,582	846,397	26,823	628,604	1,135,245	8,751	139,078	70,120	108,384	3,041,984

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
June, 1967	30,309	15,144	62,609	108,062
June, 1968	27,297	16,209	57,893	101,399

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1967	28.71%	13.65%	57.64%
June, 1967	28.04%	14.03%	57.93%
June, 1968	26.92%	15.99%	57.09%